Alca torda (Razorbill)

Report Date: January 13, 2016

Priority 2 Species of Greatest Conservation Need (SGCN)

Class: Aves (Birds)

Order: Charadriiformes (Plovers, Sandpipers, And Allies)

Family: Alcidae (Auks, Dovekie, Guillemots, Murres, Puffins, And Razobills)

General comments:

~600 pairs on 6 islands in 2009

Species Conservation Range Maps for Razorbill:

Town Map: <u>Alca torda_Towns.pdf</u>
Subwatershed Map: <u>Alca torda_HUC12.pdf</u>

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation:

Maine Status: Threatened

State Special Concern or NMFS Species of Concern: NA

Recent Significant Declines: NA

Regional Endemic: NA

High Regional Conservation Priority: NA High Climate Change Vulnerability:

Vulnerability: 3, Confidence: High, Reviewers: 3

Understudied rare taxa: NA

Historical: NA

Culturally Significant: NA

Habitats Assigned to Razorbill:

Formation Name Cliff & Rock

Macrogroup Name Rocky Coast

Habitat System Name: Acadian-North Atlantic Rocky Coast **Primary Habitat**

Formation Name Subtidal

Macrogroup Name Subtidal Pelagic (Water Column)

Habitat System Name: Offshore

Habitat System Name: Pelagic (Water Column) Macrogroup - Unknown Habitat System

Stressors Assigned to Razorbill:

Stressor Priority Level based on Severity and Actionability

	Moderate Severity	High Severity
Highly Actionable	Medium-High	High
Moderately Actionable	Medium	Medium-High
Actionable with Difficulty	Low	Low

IUCN Level 1 Threat Invasive and Other Problematic Species, Genes and Diseases

IUCN Level 2 Threat: Problematic Native Species-Diseases

Severity: Severe Actionability: Highly actionable

Notes: Predation of eggs, chicks, and adults by ularge gulls

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IUCN Level 1 Threat Biological Resource Use

IUCN Level 2 Threat: Fishing and Harvesting of Aquatic Resources

Severity: Moderate Severity **Actionability:** Actionable with difficulty

Notes: Competiton for important prey items by commerical fisheries and fishing related disturbances

IUCN Level 1 Threat Climate Change and Severe Weather

IUCN Level 2 Threat: Habitat Shifting or Alteration

Severity: Moderate Severity **Actionability:** Actionable with difficulty

Notes: Sea level rise flooding low topographical islands

IUCN Level 1 Threat Pollution

IUCN Level 2 Threat: Industrial and Military Effluents

Severity: Moderate Severity **Actionability:** Actionable with difficulty

Notes: Oil spills around nesting islands or in the open ocean

Species Level Conservation Actions Assigned to Razorbill:

None. Only species specific conservation actions that address high (red) or medium-high (orange) priority stressors are summarized here.

Conservation Actions Associated with the Island Nesting Seabirds Guild:

Conservation Action Category: Survey and Monitoring Biological Priority: high Type: on-going

Continue seabird restoration activities at historic nesting sites using social attraction, vegetation management, and predator control

Stressor(s) Addressed By This Conservation Action

Problematic Native Species-Diseases, Fishing and Harvesting of Aquatic Resources, Invasive Non-native-Alien Species-Diseases

Conservation Action Category: Research Biological Priority: high Type: on-going

Determine which factors influence breeding success and productivity

Stressor(s) Addressed By This Conservation Action

Problematic Native Species-Diseases, Invasive Non-native-Alien Species-Diseases

Conservation Action Category: Research Biological Priority: high Type: new

Determine the association with commercial fisheries and climate-induced changes to food availability

Stressor(s) Addressed By This Conservation Action

Fishing and Harvesting of Aquatic Resources

Broad Taxonomic Group Conservation Actions:

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

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The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.